

CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN



MARCH 1991

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into seven sets of tables by state and region: Wage and Salary Workers (Table A), Agricultural Production Workers (Table B), Average Weekly Earnings of Production Workers (Table C), Average Hours Worked by Production Workers (Table D), and Average Hourly Earnings of Production Workers (Table E).

March 1991 agricultural employment totaled 281,700 (Table 1-A), a two percent increase from February 1991, and virtually unchanged from the year-ago total. Month-over increases in the South Coast (Berries), Central Coast (Crops Production) and Desert (Grapes and Farm Labor Contracting) outweighed losses in the San Joaquin Valley (Grapes and Farm Labor Contracting).

Wage and Salary Workers in Agricultural Establishments For March 1991 (In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	281.7	98.5	64.8	38.9	49.2	20.6	11.4
Total Crops	153.1	50.5	44.4	23.1	13.6	14.5	8.3
Total Livestock	26.6	13.6	2.8	1.2	5.4	1.9	1.9
Total Services	102.0	34.4	17.6	14.6	30.2	4.2	1.2

Source: Tables 1-A through 7-A, March 1991.

Regional Crop Activities

Statewide, year-over losses in Vegetables/Melons and Grapes were more than offset by gains in Farm Labor Contracting and Berries. Losses in Vegetables/Melons were spread throughout the regions while most of the losses in Grapes were in the San Joaquin Valley Region. The increase in Berries was concentrated in the South Coast Region and the increases in Farm Labor Contracting employment were in the South Coast and Desert Regions. Seasonal Orchard and Grape pruning activities have been

completed in the San Joaquin Valley, Sacramento Valley and North Coast Regions. (Tables 1-A through 7-A).

According to the California Farm Labor Report (881A), the major regional crop activities during March were:

- Desert : Grapes (suckering, deleafing and thinning) and asparagus (harvest).
- South Coast: Horticulture (harvest), avocados, lemons and tomatoes (harvest), other Vegetables and strawberries (plant, cultivate and harvest).
- Central Coast: Horticulture (plant, cultivate and harvest).
- San Joaquin Valley: Grapes (prune and tie), asparagus (harvest) and Vegetables (plant, cultivate and harvest).

Agricultural Production Workers

The March statewide agricultural production worker employment figure was 250,600 (Table 1-B); this was two percent above the February level.

Average weekly earnings for agricultural production workers were \$236.52 statewide and ranged from \$191.25 in the Desert Region to \$263.34 in the Central Coast Region. (Tables 1-C through 7-C.)

Statewide, the average hours worked by agricultural production workers were 36.5, with a low of 30.6 hours in the Desert Region and a high of 38.6 hours in the San Joaquin Valley Region. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

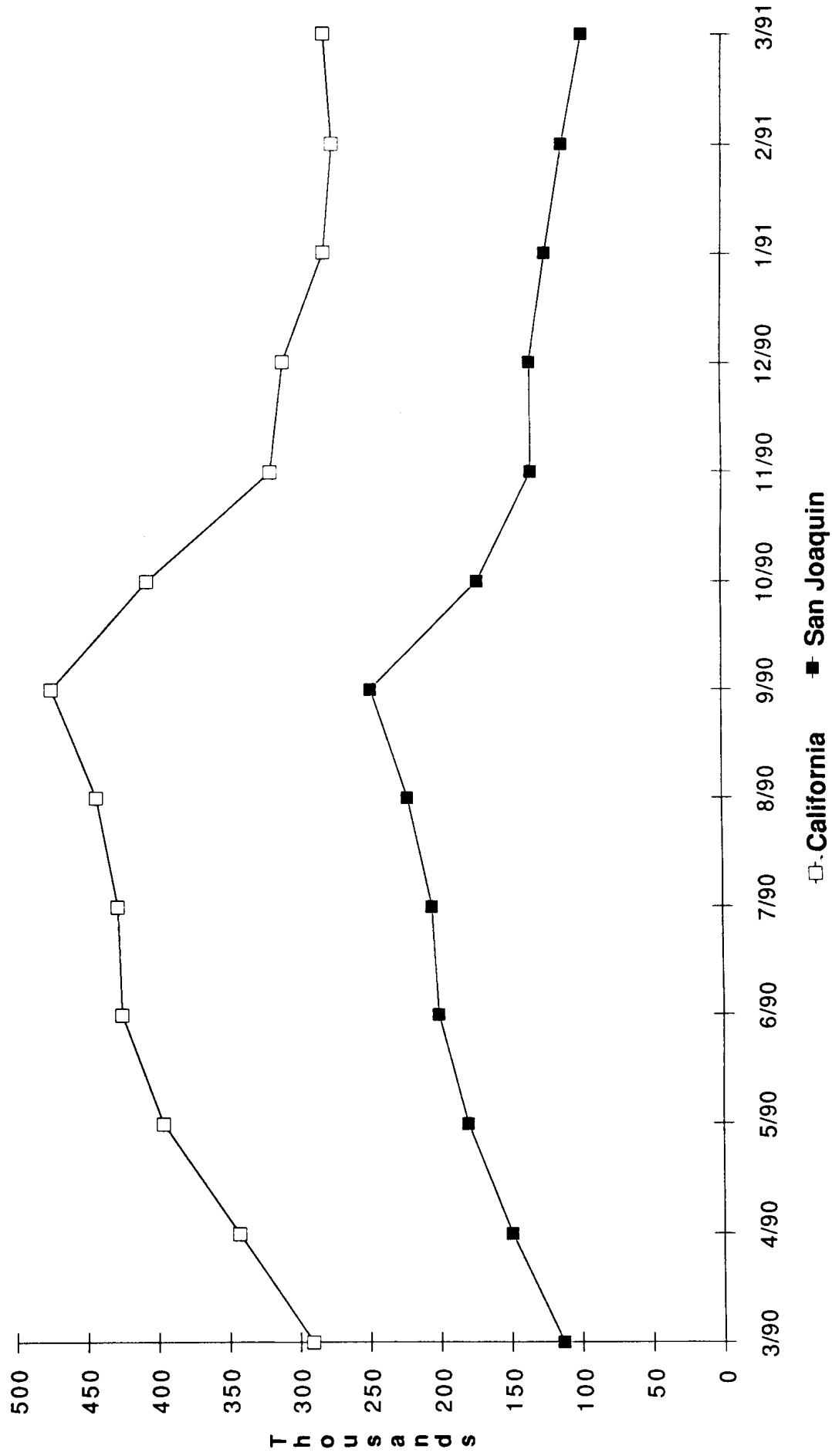
For March 1991

(In Dollars per Hour)

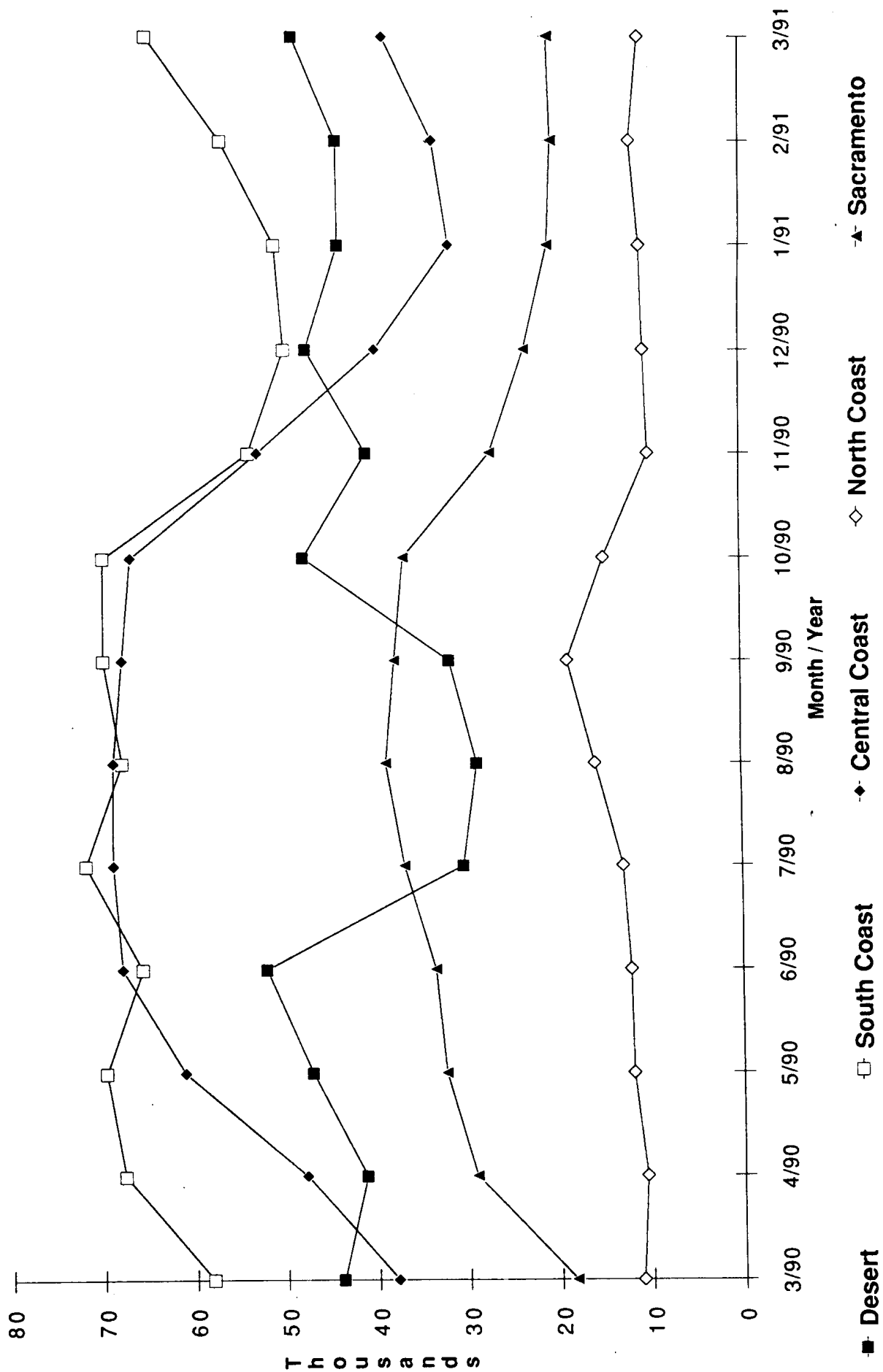
Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.48	6.30	6.44	7.06	6.25	6.47	6.76
Total Crops	6.26	6.13	6.20	6.74	6.08	6.24	6.71
Total Livestock	7.08	6.88	6.35	7.23	8.06	7.85	6.69
Total Services	6.66	6.26	7.22	7.64	5.81	6.48	7.16

Source: Tables 1-E through 7-E, March 1991.

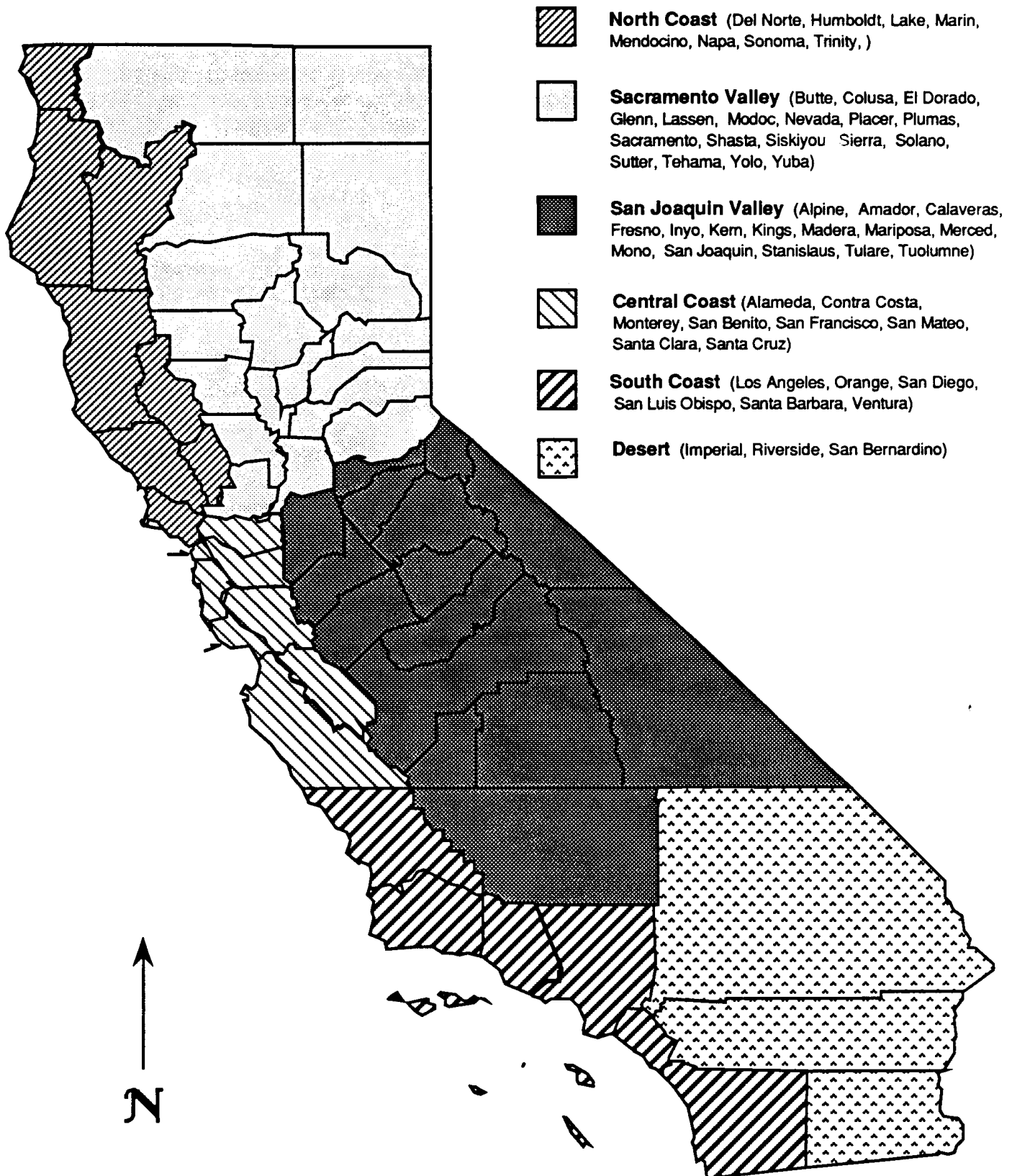
TOTAL WAGE & SALARY EMPLOYMENT
California and San Joaquin Region



TOTAL WAGE & SALARY EMPLOYMENT **All Regions except San Joaquin**



CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey of 4,000 agricultural employers. This sample, about 12% of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period. Since the full employer sample was not complete prior to October 1990, the data for production workers employment, earnings and hours are not yet available for year-over comparison.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Wage and salary workers are all employees receiving compensation from the employer.
- Production workers are employees engaged in commodity production and exclude managers, supervisors, office, sales and other staff not involved in production.
- Average hours and earnings are based on full-time and part-time production worker data.
- Average weekly earnings include overtime pay and premium wages. These are gross earnings before deductions and exclude the value of housing and meals.
- It is important to note that average hourly earnings are not hourly wage rates; they are gross earnings of production workers divided by total hours for production workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a new monthly sampling project: the Current Employment Statistics for Agriculture. Therefore, estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994** or call (916) 427-4961. (ATSS 8-466-4961).

TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991	MAR 1990
TOTAL AGRICULTURAL	281.7	276.0	280.8
TOTAL FIELD CROPS	153.1	148.4	158.1
TOTAL AGRIC. PROD. CROPS	2.6	2.3	2.5
RICE	1.2	1.1	1.1
OTHER CASH GRAIN	1.4	1.2	1.4
FIELD CROPS EXCEPT CASH GRAIN	9.8	8.8	9.9
COTTON	5.5	5.0	5.7
OTHER FIELD CROPS	4.3	3.8	4.2
VEGETABLES AND MELONS	23.3	19.9	26.8
TOTAL FRUIT AND TREE NUTS	64.0	63.4	62.3
BERRIES	16.7	8.8	12.7
GRAPES	19.5	25.9	23.0
TREE NUTS	5.3	5.6	5.1
CITRUS FRUITS	5.6	5.0	6.2
DECIDUOUS TREE FRUIT	7.8	9.5	7.5
OTHER FRUITS AND NUTS	9.1	8.6	7.8
TOTAL HORTICULTURAL SPECIALTIES	30.2	29.8	31.7
ORNAMENTAL FLORAL & NURS PRD	27.3	27.0	28.3
FOOD CROPS GROWN UNDR COVER	2.9	2.8	3.4
GENERAL FARM PRIMARILY CROP	23.2	24.2	24.9
TOTAL AGRIC. PROD. LIVESTOCK	26.6	26.3	26.8
BEEF CATTLE FEED LOTS	0.9	0.9	0.8
BEEF CATTLE EXCEPT FEED LOTS	3.8	3.7	3.8
DAIRY FARMS	12.2	12.1	12.2
CHICKEN EGGS	3.4	3.3	3.5
TURKEYS & TURKEY EGGS	1.2	1.3	1.4
OTHER LIVESTOCK	5.1	5.0	5.1
TOTAL AGRICULTURAL SERVICES	102.0	101.3	95.9
SOIL PREPARATION SERVICES	1.0	0.9	0.8
CROP SERVICES	36.2	36.0	37.5
CROP PLANT-CULT-PROTECTION	4.5	4.4	4.8
CROP HARVEST PRIM. MACHINE	7.5	6.2	6.8
CROP PREP. SERV. FOR MARKET	23.4	24.5	25.1
COTTON GINNING	0.8	0.9	0.8
TOTAL FARM LABOR & MANAGEMENT	64.8	64.4	57.6
FARM LABOR CONTRACTORS	57.9	57.8	49.2
FARM MANAGEMENT SERVICES	6.9	6.6	8.4

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	250.6	245.9
TOTAL FIELD CROPS	135.1	130.1
TOTAL AGRIC. PROD. CROPS	2.2	1.9
RICE	1.0	0.9
OTHER CASH GRAIN	1.2	1.0
FIELD CROPS EXCEPT CASH GRAIN	8.6	7.7
COTTON	5.0	4.5
OTHER FIELD CROPS	3.6	3.2
VEGETABLES AND MELONS	21.5	18.0
TOTAL FRUIT AND TREE NUTS	58.8	57.8
BERRIES	16.4	8.4
GRAPES	17.2	23.4
TREE NUTS	4.7	4.9
CITRUS FRUITS	5.2	4.8
DECIDUOUS TREE FRUIT	6.6	8.3
OTHER FRUITS AND NUTS	8.7	8.0
TOTAL HORTICULTURAL SPECIALTIES	24.3	23.9
ORNAMENTAL FLORAL & NURS PRD	21.8	21.5
FOOD CROPS GROWN UNDR COVER	2.5	2.4
GENERAL FARM PRIMARILY CROP	19.7	20.8
TOTAL AGRIC. PROD. LIVESTOCK	21.9	22.0
BEEF CATTLE FEED LOTS	0.7	0.7
BEEF CATTLE EXCEPT FEED LOTS	2.9	2.9
DAIRY FARMS	11.3	11.2
CHICKEN EGGS	2.5	2.5
TURKEYS & TURKEY EGGS	0.7	0.8
OTHER LIVESTOCK	3.8	3.9
TOTAL AGRICULTURAL SERVICES	93.6	93.8
SOIL PREPARATION SERVICES	0.7	0.7
CROP SERVICES	30.9	30.8
CROP PLANT-CULT-PROTECTION	3.4	3.4
CROP HARVEST PRIM. MACHINE	6.9	5.7
CROP PREP. SERV. FOR MARKET	20.0	21.1
COTTON GINNING	0.6	0.6
TOTAL FARM LABOR & MANAGEMENT	62.0	62.3
FARM LABOR CONTRACTORS	56.1	56.6
FARM MANAGEMENT SERVICES	5.9	5.7

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	236.52	258.16
TOTAL FIELD CROPS	240.38	262.88
TOTAL AGRIC. PROD. CROPS	288.54	319.78
RICE	321.69	390.03
OTHER CASH GRAIN	262.58	261.12
FIELD CROPS EXCEPT CASH GRAIN	256.77	300.49
COTTON	257.65	312.31
OTHER FIELD CROPS	255.84	283.65
VEGETABLES AND MELONS	262.39	277.69
TOTAL FRUIT AND TREE NUTS	208.94	241.79
BERRIES	175.00	191.86
GRAPES	212.94	257.13
TREE NUTS	231.08	252.88
CITRUS FRUITS	286.26	274.68
DECIDUOUS TREE FRUIT	216.22	227.36
OTHER FRUITS AND NUTS	203.06	238.40
TOTAL HORTICULTURAL SPECIALTIES	277.78	291.00
ORNAMENTAL FLORAL & NURS PRD	271.33	285.93
FOOD CROPS GROWN UNDR COVER	335.05	339.04
GENERAL FARM PRIMARILY CROP	251.67	256.43
TOTAL AGRIC. PROD. LIVESTOCK	332.76	340.82
BEEF CATTLE FEED LOTS	337.21	370.33
BEEF CATTLE EXCEPT FEED LOTS	311.22	331.79
DAIRY FARMS	349.90	361.35
CHICKEN EGGS	289.56	284.80
TURKEYS & TURKEY EGGS	363.01	348.48
OTHER LIVESTOCK	319.61	314.71
TOTAL AGRICULTURAL SERVICES	208.46	231.91
SOIL PREPARATION SERVICES	484.06	492.87
CROP SERVICES	255.14	252.79
CROP PLANT-CULT-PROTECTION	314.80	278.08
CROP HARVEST PRIM. MACHINE	213.11	227.77
CROP PREP. SERV. FOR MARKET	255.72	253.27
COTTON GINNING	372.87	330.37
TOTAL FARM LABOR & MANAGEMENT	182.40	218.61
FARM LABOR CONTRACTORS	175.62	214.15
FARM MANAGEMENT SERVICES	240.34	262.68

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	36.5	40.4
TOTAL FIELD CROPS	38.4	42.4
TOTAL AGRIC. PROD. CROPS	42.0	47.8
RICE	47.1	56.2
OTHER CASH GRAIN	38.0	40.8
FIELD CROPS EXCEPT CASH GRAIN	40.5	46.3
COTTON	39.7	46.2
OTHER FIELD CROPS	41.6	46.5
VEGETABLES AND MELONS	38.7	43.8
TOTAL FRUIT AND TREE NUTS	35.9	40.5
BERRIES	35.0	36.2
GRAPES	34.4	42.5
TREE NUTS	39.3	43.6
CITRUS FRUITS	39.0	36.0
DECIDUOUS TREE FRUIT	38.0	40.6
OTHER FRUITS AND NUTS	35.5	39.8
TOTAL HORTICULTURAL SPECIALTIES	43.0	44.7
ORNAMENTAL FLORAL & NURS PRD	43.0	45.1
FOOD CROPS GROWN UNDR COVER	43.4	41.6
GENERAL FARM PRIMARILY CROP	38.6	41.9
TOTAL AGRIC. PROD. LIVESTOCK	47.0	47.6
BEEF CATTLE FEED LOTS	49.3	54.3
BEEF CATTLE EXCEPT FEED LOTS	42.4	46.6
DAIRY FARMS	48.8	49.5
CHICKEN EGGS	45.6	44.5
TURKEYS & TURKEY EGGS	60.2	57.6
OTHER LIVESTOCK	42.9	41.3
TOTAL AGRICULTURAL SERVICES	31.3	35.9
SOIL PREPARATION SERVICES	50.9	52.1
CROP SERVICES	36.5	37.9
CROP PLANT-CULT-PROTECTION	44.4	44.0
CROP HARVEST PRIM. MACHINE	30.1	32.4
CROP PREP. SERV. FOR MARKET	36.9	38.2
COTTON GINNING	50.8	46.4
TOTAL FARM LABOR & MANAGEMENT	28.5	34.7
FARM LABOR CONTRACTORS	27.7	34.1
FARM MANAGEMENT SERVICES	35.5	40.6

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	6.48	6.39
TOTAL FIELD CROPS	6.26	6.20
TOTAL AGRIC. PROD. CROPS	6.87	6.69
RICE	6.83	6.94
OTHER CASH GRAIN	6.91	6.40
FIELD CROPS EXCEPT CASH GRAIN	6.34	6.49
COTTON	6.49	6.76
OTHER FIELD CROPS	6.15	6.10
VEGETABLES AND MELONS	6.78	6.34
TOTAL FRUIT AND TREE NUTS	5.82	5.97
BERRIES	5.00	5.30
GRAPES	6.19	6.05
TREE NUTS	5.88	5.80
CITRUS FRUITS	7.34	7.63
DECIDUOUS TREE FRUIT	5.69	5.60
OTHER FRUITS AND NUTS	5.72	5.99
TOTAL HORTICULTURAL SPECIALTIES	6.46	6.51
ORNAMENTAL FLORAL & NURS PRD	6.31	6.34
FOOD CROPS GROWN UNDR COVER	7.72	8.15
GENERAL FARM PRIMARILY CROP	6.52	6.12
TOTAL AGRIC. PROD. LIVESTOCK	7.08	7.16
BEEF CATTLE FEED LOTS	6.84	6.82
BEEF CATTLE EXCEPT FEED LOTS	7.34	7.12
DAIRY FARMS	7.17	7.30
CHICKEN EGGS	6.35	6.40
TURKEYS & TURKEY EGGS	6.03	6.05
OTHER LIVESTOCK	7.45	7.62
TOTAL AGRICULTURAL SERVICES	6.66	6.46
SOIL PREPARATION SERVICES	9.51	9.46
CROP SERVICES	6.99	6.67
CROP PLANT-CULT-PROTECTION	7.09	6.32
CROP HARVEST PRIM. MACHINE	7.08	7.03
CROP PREP. SERV. FOR MARKET	6.93	6.63
COTTON GINNING	7.34	7.12
TOTAL FARM LABOR & MANAGEMENT	6.40	6.30
FARM LABOR CONTRACTORS	6.34	6.28
FARM MANAGEMENT SERVICES	6.77	6.47

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991	MAR 1990
TOTAL AGRICULTURAL	98.5	113.3	113.3
TOTAL AGRIC. PROD. CROPS	50.5	58.6	55.7
TOTAL FIELD CROPS	7.7	6.9	8.0
COTTON	5.1	4.6	5.3
OTHER FIELD CROPS	2.6	2.3	2.7
VEGETABLES AND MELONS	5.9	4.3	5.7
TOTAL FRUIT AND TREE NUTS	23.4	32.0	25.7
GRAPES	9.8	16.5	12.2
TREE NUTS	3.2	3.4	3.2
CITRUS FRUITS	2.3	2.1	3.1
DECIDUOUS TREE FRUIT	3.8	5.1	3.5
OTHER FRUITS AND NUTS	4.3	4.9	3.7
HORTICULTURAL SPECIALTIES	2.7	2.7	2.9
GENERAL FARM PRIMARILY CROP	10.8	12.7	13.4
TOTAL AGRIC. PROD. LIVESTOCK	13.6	13.4	13.5
BEEF CATTLE FEED LOTS	0.3	0.4	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.4	1.3	1.5
DAIRY FARMS	7.7	7.6	7.6
POULTRY & EGGS	3.1	3.0	3.0
OTHER LIVESTOCK	1.1	1.1	1.1
TOTAL AGRICULTURAL SERVICES	34.4	41.3	44.1
CROP SERVICES	11.7	12.7	17.1
CROP PLANT-CULT-PROTECTION	2.4	2.6	3.1
CROP HARVEST PRIM. MACHINE	1.8	1.9	1.8
CROP PREP. SERV. FOR MARKET	6.6	7.3	11.4
COTTON GINNING	0.9	0.9	0.8
TOTAL FARM LABOR & MANAGEMENT	22.7	28.6	27.0
FARM LABOR CONTRACTORS	20.3	26.2	22.7
FARM MANAGEMENT SERVICES	2.4	2.4	4.3

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	86.0	101.0
TOTAL AGRIC. PROD. CROPS	43.7	51.4
TOTAL FIELD CROPS	6.7	5.8
COTTON	4.5	4.0
OTHER FIELD CROPS	2.2	1.8
VEGETABLES AND MELONS	5.7	4.1
TOTAL FRUIT AND TREE NUTS	20.9	29.3
GRAPES	8.7	15.4
TREE NUTS	2.8	3.0
CITRUS FRUITS	2.1	1.9
DECIDUOUS TREE FRUIT	3.3	4.5
OTHER FRUITS AND NUTS	4.0	4.5
HORTICULTURAL SPECIALTIES	1.9	1.9
GENERAL FARM PRIMARILY CROP	8.5	10.3
TOTAL AGRIC. PROD. LIVESTOCK	12.3	12.1
BEEF CATTLE FEED LOTS	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.2	1.2
DAIRY FARMS	7.2	7.1
POULTRY & EGGS	2.6	2.5
OTHER LIVESTOCK	1.0	1.0
TOTAL AGRICULTURAL SERVICES	30.0	37.5
CROP SERVICES	8.5	9.7
CROP PLANT-CULT-PROTECTION	1.6	1.9
CROP HARVEST PRIM. MACHINE	1.5	1.7
CROP PREP. SERV. FOR MARKET	4.8	5.5
COTTON GINNING	0.6	0.6
TOTAL FARM LABOR & MANAGEMENT	21.5	27.8
FARM LABOR CONTRACTORS	19.4	25.7
FARM MANAGEMENT SERVICES	2.1	2.1

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	243.18	256.62
TOTAL AGRIC. PROD. CROPS	228.65	253.43
TOTAL FIELD CROPS	265.43	314.55
COTTON	263.30	311.45
OTHER FIELD CROPS	268.82	321.30
VEGETABLES AND MELONS	230.66	212.91
TOTAL FRUIT AND TREE NUTS	216.58	244.07
GRAPES	211.29	255.92
TREE NUTS	247.34	255.68
CITRUS FRUITS	207.61	224.35
DECIDUOUS TREE FRUIT	233.24	232.29
OTHER FRUITS AND NUTS	198.52	216.07
HORTICULTURAL SPECIALTIES	257.95	287.09
GENERAL FARM PRIMARILY CROP	219.73	253.21
TOTAL AGRIC. PROD. LIVESTOCK	327.49	340.34
BEEF CATTLE FEED LOTS	378.88	377.77
BEEF CATTLE EXCEPT FEED LOTS	325.98	360.82
DAIRY FARMS	337.41	350.50
POULTRY & EGGS	296.13	297.98
OTHER LIVESTOCK	329.18	336.81
TOTAL AGRICULTURAL SERVICES	230.37	235.39
CROP SERVICES	291.48	262.20
CROP PLANT-CULT-PROTECTION	314.53	285.63
CROP HARVEST PRIM. MACHINE	346.86	316.10
CROP PREP. SERV. FOR MARKET	254.16	228.04
COTTON GINNING	373.16	345.59
TOTAL FARM LABOR & MANAGEMENT	206.31	226.20
FARM LABOR CONTRACTORS	200.33	221.86
FARM MANAGEMENT SERVICES	256.76	283.34

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	38.6	42.0
TOTAL AGRIC. PROD. CROPS	37.3	43.1
TOTAL FIELD CROPS	41.8	47.3
COTTON	41.4	45.6
OTHER FIELD CROPS	42.4	51.0
VEGETABLES AND MELONS	38.0	43.1
TOTAL FRUIT AND TREE NUTS	36.4	42.3
GRAPES	34.3	44.2
TREE NUTS	41.5	42.9
CITRUS FRUITS	29.2	27.8
DECIDUOUS TREE FRUIT	41.8	42.7
OTHER FRUITS AND NUTS	36.9	41.0
HORTICULTURAL SPECIALTIES	38.5	44.1
GENERAL FARM PRIMARILY CROP	35.1	42.7
TOTAL AGRIC. PROD. LIVESTOCK	47.6	48.9
BEEF CATTLE FEED LOTS	55.8	55.8
BEEF CATTLE EXCEPT FEED LOTS	42.5	49.7
DAIRY FARMS	48.9	50.0
POULTRY & EGGS	44.8	43.5
OTHER LIVESTOCK	49.8	51.5
TOTAL AGRICULTURAL SERVICES	36.8	38.4
CROP SERVICES	43.7	40.4
CROP PLANT-CULT-PROTECTION	44.3	44.7
CROP HARVEST PRIM. MACHINE	49.2	43.6
CROP PREP. SERV. FOR MARKET	40.6	36.9
COTTON GINNING	51.4	49.3
TOTAL FARM LABOR & MANAGEMENT	34.1	37.7
FARM LABOR CONTRACTORS	33.5	37.1
FARM MANAGEMENT SERVICES	39.2	45.7

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	6.30	6.11
TOTAL AGRIC. PROD. CROPS	6.13	5.88
TOTAL FIELD CROPS	6.35	6.65
COTTON	6.36	6.83
OTHER FIELD CROPS	6.34	6.30
VEGETABLES AND MELONS.	6.07	4.94
TOTAL FRUIT AND TREE NUTS	5.95	5.77
GRAPES	6.16	5.79
TREE NUTS	5.96	5.96
CITRUS FRUITS	7.11	8.07
DECIDUOUS TREE FRUIT	5.58	5.44
OTHER FRUITS AND NUTS	5.38	5.27
HORTICULTURAL SPECIALTIES	6.70	6.51
GENERAL FARM PRIMARILY CROP	6.26	5.93
TOTAL AGRIC. PROD. LIVESTOCK	6.88	6.96
BEEF CATTLE FEED LOTS	6.79	6.77
BEEF CATTLE EXCEPT FEED LOTS	7.67	7.26
DAIRY FARMS	6.90	7.01
POULTRY & EGGS	6.61	6.85
OTHER LIVESTOCK	6.61	6.54
TOTAL AGRICULTURAL SERVICES	6.26	6.13
CROP SERVICES	6.67	6.49
CROP PLANT-CULT-PROTECTION	7.10	6.39
CROP HARVEST PRIM. MACHINE	7.05	7.25
CROP PREP. SERV. FOR MARKET	6.26	6.18
COTTON GINNING	7.26	7.01
TOTAL FARM LABOR & MANAGEMENT	6.05	6.00
FARM LABOR CONTRACTORS	5.98	5.98
FARM MANAGEMENT SERVICES	6.55	6.20

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991	MAR 1990
TOTAL AGRICULTURAL	64.8	56.9	58.1
TOTAL AGRIC. PROD. CROPS	44.4	36.6	43.4
VEGETABLES AND MELONS	9.6	8.2	9.9
TOTAL FRUIT AND TREE NUTS	16.1	10.9	14.6
BERRIES	10.7	5.6	9.8
GRAPES	1.3	1.2	0.8
CITRUS FRUITS	1.8	1.8	1.9
OTHER FRUITS AND NUTS	2.3	2.3	2.1
TOTAL HORTICULTURAL SPECIALTIES	15.6	14.8	15.9
ORNAMENTAL FLORAL & NURS PRD	15.0	14.3	15.0
FOOD CROPS GROWN UNDR COVER	0.6	0.5	0.9
GENERAL FARM PRIMARILY CROP	3.1	2.7	3.0
TOTAL AGRIC. PROD. LIVESTOCK	2.8	2.7	2.8
TOTAL AGRICULTURAL SERVICES	17.6	17.6	11.9
CROP SERVICES	4.4	4.6	4.0
CROP HARVEST PRIM. MACHINE	2.1	1.9	1.2
CROP PREP. SERV. FOR MARKET	2.3	2.7	2.8
TOTAL FARM LABOR & MANAGEMENT	13.2	13.0	7.9
FARM LABOR CONTRACTORS	11.9	11.9	6.7
FARM MANAGEMENT SERVICES	1.3	1.1	1.2

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	57.3	49.5
TOTAL AGRIC. PROD. CROPS	39.3	31.2
VEGETABLES AND MELONS	8.1	6.5
TOTAL FRUIT AND TREE NUTS	15.6	10.2
BERRIES	10.6	5.3
GRAPES	1.3	1.1
CITRUS FRUITS	1.6	1.7
OTHER FRUITS AND NUTS	2.1	2.1
TOTAL HORTICULTURAL SPECIALTIES	12.7	12.0
ORNAMENTAL FLORAL & NURS PRD	12.3	11.6
FOOD CROPS GROWN UNDR COVER	0.4	0.4
GENERAL FARM PRIMARILY CROP	2.9	2.5
TOTAL AGRIC. PROD. LIVESTOCK	2.0	2.1
TOTAL AGRICULTURAL SERVICES	16.0	16.2
CROP SERVICES	3.9	4.0
CROP HARVEST PRIM. MACHINE	2.0	1.8
CROP PREP. SERV. FOR MARKET	1.9	2.2
TOTAL FARM LABOR & MANAGEMENT	12.1	12.2
FARM LABOR CONTRACTORS	11.1	11.4
FARM MANAGEMENT SERVICES	1.0	0.8

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	233.77	271.05
TOTAL AGRIC. PROD. CROPS	240.56	274.12
VEGETABLES AND MELONS	282.17	324.54
TOTAL FRUIT AND TREE NUTS	194.39	227.18
BERRIES	168.02	188.19
GRAPES	262.28	297.72
CITRUS FRUITS	244.90	289.87
OTHER FRUITS AND NUTS	248.22	240.80
TOTAL HORTICULTURAL SPECIALTIES	267.22	283.92
ORNAMENTAL FLORAL & NURS PRD	266.48	283.04
FOOD CROPS GROWN UNDR COVER	296.28	295.12
GENERAL FARM PRIMARILY CROP	256.62	289.51
TOTAL AGRIC. PROD. LIVESTOCK	278.77	268.38
TOTAL AGRICULTURAL SERVICES	210.82	265.59
CROP SERVICES	259.91	263.10
CROP HARVEST PRIM. MACHINE	232.94	254.69
CROP PREP. SERV. FOR MARKET	286.50	270.36
TOTAL FARM LABOR & MANAGEMENT	195.86	266.78
FARM LABOR CONTRACTORS	196.27	268.80
FARM MANAGEMENT SERVICES	185.50	237.50

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	36.3	41.7
TOTAL AGRIC. PROD. CROPS	38.8	43.1
VEGETABLES AND MELONS	38.6	46.1
TOTAL FRUIT AND TREE NUTS	36.2	38.9
BERRIES	34.5	36.9
GRAPES	41.5	43.4
CITRUS FRUITS	35.7	41.0
OTHER FRUITS AND NUTS	42.0	40.0
TOTAL HORTICULTURAL SPECIALTIES	43.1	45.5
ORNAMENTAL FLORAL & NURS PRD	43.4	45.8
FOOD CROPS GROWN UNDR COVER	36.0	36.3
GENERAL FARM PRIMARILY CROP	34.4	41.3
TOTAL AGRIC. PROD. LIVESTOCK	43.9	42.0
TOTAL AGRICULTURAL SERVICES	29.2	39.0
CROP SERVICES	32.9	36.9
CROP HARVEST PRIM. MACHINE	27.6	33.6
CROP PREP. SERV. FOR MARKET	38.2	39.7
TOTAL FARM LABOR & MANAGEMENT	28.1	39.7
FARM LABOR CONTRACTORS	28.2	40.0
FARM MANAGEMENT SERVICES	26.5	35.5

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	6.44	6.50
TOTAL AGRIC. PROD. CROPS	6.20	6.36
VEGETABLES AND MELONS	7.31	7.04
TOTAL FRUIT AND TREE NUTS	5.37	5.84
BERRIES	4.87	5.10
GRAPES	6.32	6.86
CITRUS FRUITS	6.86	7.07
OTHER FRUITS AND NUTS	5.91	6.02
TOTAL HORTICULTURAL SPECIALTIES	6.20	6.24
ORNAMENTAL FLORAL & NURS PRD	6.14	6.18
FOOD CROPS GROWN UNDR COVER	8.23	8.13
GENERAL FARM PRIMARILY CROP	7.46	7.01
TOTAL AGRIC. PROD. LIVESTOCK	6.35	6.39
TOTAL AGRICULTURAL SERVICES	7.22	6.81
CROP SERVICES	7.90	7.13
CROP HARVEST PRIM. MACHINE	8.44	7.58
CROP PREP. SERV. FOR MARKET	7.50	6.81
TOTAL FARM LABOR & MANAGEMENT	6.97	6.72
FARM LABOR CONTRACTORS	6.96	6.72
FARM MANAGEMENT SERVICES	7.00	6.69

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991	MAR 1990
TOTAL AGRICULTURAL	38.9	33.6	37.5
TOTAL AGRIC. PROD. CROPS	23.1	20.5	22.7
VEGETABLES AND MELONS	5.9	4.7	6.5
TOTAL FRUIT AND TREE NUTS	6.1	5.3	5.2
BERRIES	3.7	2.5	2.6
GRAPES	1.1	1.5	1.5
DECIDUOUS TREE FRUIT	0.6	0.7	0.6
OTHER FRUITS AND NUTS	0.7	0.6	0.5
TOTAL HORTICULTURAL SPECIALTIES	9.1	8.8	9.2
ORNAMENTAL FLORAL & NURS PRD	7.0	6.7	7.1
FOOD CROPS GROWN UNDR COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	2.0	1.7	1.8
TOTAL AGRIC. PROD. LIVESTOCK	1.2	1.2	1.2
TOTAL AGRICULTURAL SERVICES	14.6	11.9	13.6
CROP SERVICES	7.5	6.7	7.6
CROP HARVEST PRIM. MACHINE	3.3	2.8	3.3
CROP PREP. SERV. FOR MARKET	4.2	3.9	4.3
TOTAL FARM LABOR & MANAGEMENT	7.1	5.2	6.0
FARM LABOR CONTRACTORS	6.6	4.7	5.4
FARM MANAGEMENT SERVICES	0.5	0.5	0.6

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	34.7	29.5
TOTAL AGRIC. PROD. CROPS	20.0	17.5
VEGETABLES AND MELONS	5.2	4.1
TOTAL FRUIT AND TREE NUTS	5.6	4.7
BERRIES	3.6	2.3
GRAPES	0.9	1.2
DECIDUOUS TREE FRUIT	0.5	0.6
OTHER FRUITS AND NUTS	0.6	0.6
TOTAL HORTICULTURAL SPECIALTIES	7.4	7.2
ORNAMENTAL FLORAL & NURS PRD	5.6	5.3
FOOD CROPS GROWN UNDR COVER	1.8	1.9
GENERAL FARM PRIMARILY CROP	1.8	1.5
TOTAL AGRIC. PROD. LIVESTOCK	0.9	0.9
TOTAL AGRICULTURAL SERVICES	13.8	11.1
CROP SERVICES	6.8	6.0
CROP HARVEST PRIM. MACHINE	2.9	2.4
CROP PREP. SERV. FOR MARKET	3.9	3.6
TOTAL FARM LABOR & MANAGEMENT	7.0	5.1
FARM LABOR CONTRACTORS	6.5	4.6
FARM MANAGEMENT SERVICES	0.5	0.5

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	263.34	281.25
TOTAL AGRIC. PROD. CROPS	278.36	300.50
VEGETABLES AND MELONS	259.68	293.90
TOTAL FRUIT AND TREE NUTS	248.68	257.87
BERRIES	213.88	211.91
GRAPES	285.98	329.73
DECIDUOUS TREE FRUIT	186.86	206.70
OTHER FRUITS AND NUTS	443.34	339.52
TOTAL HORTICULTURAL SPECIALTIES	323.16	333.41
ORNAMENTAL FLORAL & NURS PRD	291.68	305.69
FOOD CROPS GROWN UNDR COVER	415.80	413.93
GENERAL FARM PRIMARILY CROP	240.22	296.82
TOTAL AGRIC. PROD. LIVESTOCK	302.94	335.48
TOTAL AGRICULTURAL SERVICES	237.60	246.48
CROP SERVICES	272.25	258.48
CROP HARVEST PRIM. MACHINE	245.31	243.31
CROP PREP. SERV. FOR MARKET	291.46	268.13
TOTAL FARM LABOR & MANAGEMENT	204.62	231.64
FARM LABOR CONTRACTORS	205.39	226.29
FARM MANAGEMENT SERVICES	191.81	288.43

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	37.3	38.9
TOTAL AGRIC. PROD. CROPS	41.3	43.3
VEGETABLES AND MELONS	38.7	43.8
TOTAL FRUIT AND TREE NUTS	39.1	37.7
BERRIES	39.1	36.1
GRAPES	33.1	39.3
DECIDUOUS TREE FRUIT	31.3	35.7
OTHER FRUITS AND NUTS	54.0	42.6
TOTAL HORTICULTURAL SPECIALTIES	46.1	46.5
ORNAMENTAL FLORAL & NURS PRD	44.6	45.9
FOOD CROPS GROWN UNDR COVER	50.4	48.3
GENERAL FARM PRIMARILY CROP	35.8	44.5
TOTAL AGRIC. PROD. LIVESTOCK	41.9	43.4
TOTAL AGRICULTURAL SERVICES	31.1	31.6
CROP SERVICES	36.3	33.7
CROP HARVEST PRIM. MACHINE	35.5	33.7
CROP PREP. SERV. FOR MARKET	36.8	33.6
TOTAL FARM LABOR & MANAGEMENT	26.1	29.1
FARM LABOR CONTRACTORS	26.4	28.9
FARM MANAGEMENT SERVICES	21.6	31.8

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	7.06	7.23
TOTAL AGRIC. PROD. CROPS	6.74	6.94
VEGETABLES AND MELONS	6.71	6.71
TOTAL FRUIT AND TREE NUTS	6.36	6.84
BERRIES	5.47	5.87
GRAPES	8.64	8.39
DECIDUOUS TREE FRUIT	5.97	5.79
OTHER FRUITS AND NUTS	8.21	7.97
TOTAL HORTICULTURAL SPECIALTIES	7.01	7.17
ORNAMENTAL FLORAL & NURS PRD	6.54	6.66
FOOD CROPS GROWN UNDR COVER	8.25	8.57
GENERAL FARM PRIMARILY CROP	6.71	6.67
TOTAL AGRIC. PROD. LIVESTOCK	7.23	7.73
TOTAL AGRICULTURAL SERVICES	7.64	7.80
CROP SERVICES	7.50	7.67
CROP HARVEST PRIM. MACHINE	6.91	7.22
CROP PREP. SERV. FOR MARKET	7.92	7.98
TOTAL FARM LABOR & MANAGEMENT	7.84	7.96
FARM LABOR CONTRACTORS	7.78	7.83
FARM MANAGEMENT SERVICES	8.88	9.07

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
DESERT REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991	MAR 1990
TOTAL AGRICULTURAL	49.2	44.2	42.1
TOTAL AGRIC. PROD. CROPS	13.6	11.7	15.1
FIELD CROPS	1.7	1.6	1.6
VEGETABLES AND MELONS	2.3	2.9	3.9
TOTAL FRUIT AND TREE NUTS	5.5	2.9	4.8
GRAPES	3.0	1.2	2.7
CITRUS FRUITS	0.9	0.7	1.0
OTHER FRUITS AND NUTS	1.6	1.0	1.1
HORTICULTURAL SPECIALTIES	1.0	1.0	0.9
GENERAL FARM PRIMARILY CROP	3.1	3.3	3.9
TOTAL AGRIC. PROD. LIVESTOCK	5.4	5.5	5.4
DAIRY FARMS	2.4	2.4	2.4
CHICKEN EGGS	1.3	1.4	1.5
OTHER LIVESTOCK	1.7	1.7	1.5
TOTAL AGRICULTURAL SERVICES	30.2	27.0	21.6
CROP SERVICES	9.8	9.5	7.6
CROP PLANT-CULT-PROTECTION	0.7	0.8	0.8
CROP HARVEST PRIM. MACHINE	1.6	1.1	1.4
CROP PREP. SERV. FOR MARKET	7.5	7.6	5.4
TOTAL FARM LABOR & MANAGEMENT	20.4	17.5	14.0

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	45.2	40.3
TOTAL AGRIC. PROD. CROPS	12.2	10.3
FIELD CROPS	1.4	1.3
VEGETABLES AND MELONS	2.2	2.8
TOTAL FRUIT AND TREE NUTS	5.1	2.5
GRAPES	2.7	1.0
CITRUS FRUITS	0.9	0.6
OTHER FRUITS AND NUTS	1.5	0.9
HORTICULTURAL SPECIALTIES	0.8	0.8
GENERAL FARM PRIMARILY CROP	2.7	2.9
TOTAL AGRIC. PROD. LIVESTOCK	4.4	4.7
DAIRY FARMS	2.2	2.3
CHICKEN EGGS	0.9	1.0
OTHER LIVESTOCK	1.3	1.4
TOTAL AGRICULTURAL SERVICES	28.6	25.3
CROP SERVICES	9.1	8.8
CROP PLANT-CULT-PROTECTION	0.6	0.7
CROP HARVEST PRIM. MACHINE	1.4	0.9
CROP PREP. SERV. FOR MARKET	7.1	7.2
TOTAL FARM LABOR & MANAGEMENT	19.5	16.5

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	191.25	221.55
TOTAL AGRIC. PROD. CROPS	240.77	245.43
FIELD CROPS	289.04	285.15
VEGETABLES AND MELONS	236.59	232.70
TOTAL FRUIT AND TREE NUTS	189.28	223.03
GRAPES	171.22	187.02
CITRUS FRUITS	270.40	255.93
OTHER FRUITS AND NUTS	174.98	241.13
HORTICULTURAL SPECIALTIES	280.21	289.15
GENERAL FARM PRIMARILY CROP	306.15	249.08
TOTAL AGRIC. PROD. LIVESTOCK	379.63	395.91
DAIRY FARMS	454.58	470.93
CHICKEN EGGS	273.76	262.40
OTHER LIVESTOCK	327.22	365.45
TOTAL AGRICULTURAL SERVICES	140.02	179.07
CROP SERVICES	181.10	240.01
CROP PLANT-CULT-PROTECTION	327.27	266.55
CROP HARVEST PRIM. MACHINE	130.90	132.98
CROP PREP. SERV. FOR MARKET	178.16	251.43
TOTAL FARM LABOR & MANAGEMENT	121.30	146.49

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	30.6	35.0
TOTAL AGRIC. PROD. CROPS	39.6	40.3
FIELD CROPS	44.4	46.9
VEGETABLES AND MELONS	40.1	40.4
TOTAL FRUIT AND TREE NUTS	33.8	35.8
GRAPES	32.8	33.1
CITRUS FRUITS	40.6	35.3
OTHER FRUITS AND NUTS	31.7	39.4
HORTICULTURAL SPECIALTIES	42.2	42.9
GENERAL FARM PRIMARILY CROP	47.1	40.7
TOTAL AGRIC. PROD. LIVESTOCK	47.1	48.4
DAIRY FARMS	47.5	48.3
CHICKEN EGGS	45.4	44.4
OTHER LIVESTOCK	47.7	51.4
TOTAL AGRICULTURAL SERVICES	24.1	30.3
CROP SERVICES	29.4	38.9
CROP PLANT-CULT-PROTECTION	45.9	46.6
CROP HARVEST PRIM. MACHINE	22.0	24.4
CROP PREP. SERV. FOR MARKET	29.4	40.1
TOTAL FARM LABOR & MANAGEMENT	21.7	25.7

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	6.25	6.33
TOTAL AGRIC. PROD. CROPS	6.08	6.09
FIELD CROPS	6.51	6.08
VEGETABLES AND MELONS	5.90	5.76
TOTAL FRUIT AND TREE NUTS	5.60	6.23
GRAPES	5.22	5.65
CITRUS FRUITS	6.66	7.25
OTHER FRUITS AND NUTS	5.52	6.12
HORTICULTURAL SPECIALTIES	6.64	6.74
GENERAL FARM PRIMARILY CROP	6.50	6.12
TOTAL AGRIC. PROD. LIVESTOCK	8.06	8.18
DAIRY FARMS	9.57	9.75
CHICKEN EGGS	6.03	5.91
OTHER LIVESTOCK	6.86	7.11
TOTAL AGRICULTURAL SERVICES	5.81	5.91
CROP SERVICES	6.16	6.17
CROP PLANT-CULT-PROTECTION	7.13	5.72
CROP HARVEST PRIM. MACHINE	5.95	5.45
CROP PREP. SERV. FOR MARKET	6.06	6.27
TOTAL FARM LABOR & MANAGEMENT	5.59	5.70

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991	MAR 1990
TOTAL AGRICULTURAL	20.6	20.6	18.8
TOTAL AGRIC. PROD. CROPS	14.5	14.2	13.1
RICE	1.1	1.0	1.0
VEGETABLES AND MELONS	0.8	0.6	0.8
TOTAL FRUIT AND TREE NUTS	6.4	6.9	5.4
TREE NUTS	1.7	1.8	1.5
DECIDUOUS TREE FRUIT	2.4	2.6	2.2
OTHER FRUITS AND NUTS	2.3	2.5	1.7
HORTICULTURAL SPECIALTIES	1.7	1.7	1.6
GENERAL FARM PRIMARILY CROP	4.5	4.0	4.3
TOTAL AGRIC. PROD. LIVESTOCK	1.9	1.9	2.0
TOTAL AGRICULTURAL SERVICES	4.2	4.5	3.7
CROP SERVICES	2.2	2.1	2.1
CROP HARVEST PRIM. MACHINE	0.7	0.6	0.8
CROP PREP. SERV. FOR MARKET	1.5	1.5	1.3
TOTAL FARM LABOR & MANAGEMENT	2.0	2.4	1.6

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	18.2	18.0
TOTAL AGRIC. PROD. CROPS	12.7	12.4
RICE	0.9	0.8
VEGETABLES AND MELONS	0.7	0.5
TOTAL FRUIT AND TREE NUTS	5.8	6.2
TREE NUTS	1.6	1.6
DECIDUOUS TREE FRUIT	2.2	2.4
OTHER FRUITS AND NUTS	2.0	2.2
HORTICULTURAL SPECIALTIES	1.4	1.4
GENERAL FARM PRIMARILY CROP	3.9	3.5
TOTAL AGRIC. PROD. LIVESTOCK	1.8	1.7
TOTAL AGRICULTURAL SERVICES	3.7	3.9
CROP SERVICES	1.9	1.7
CROP HARVEST PRIM. MACHINE	0.5	0.4
CROP PREP. SERV. FOR MARKET	1.4	1.3
TOTAL FARM LABOR & MANAGEMENT	1.8	2.2

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	243.27	252.97
TOTAL AGRIC. PROD. CROPS	233.38	254.65
RICE	352.16	430.91
VEGETABLES AND MELONS	280.36	309.46
TOTAL FRUIT AND TREE NUTS	203.20	234.68
TREE NUTS	202.98	250.86
DECIDUOUS TREE FRUIT	206.26	236.93
OTHER FRUITS AND NUTS	199.60	218.86
HORTICULTURAL SPECIALTIES	258.62	251.13
GENERAL FARM PRIMARILY CROP	232.10	243.36
TOTAL AGRIC. PROD. LIVESTOCK	346.19	330.17
TOTAL AGRICULTURAL SERVICES	228.10	213.30
CROP SERVICES	235.30	200.96
CROP HARVEST PRIM. MACHINE	275.59	159.96
CROP PREP. SERV. FOR MARKET	219.44	212.16
TOTAL FARM LABOR & MANAGEMENT	220.59	223.84

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	37.6	41.2
TOTAL AGRIC. PROD. CROPS	37.4	42.3
RICE	49.6	59.6
VEGETABLES AND MELONS	34.4	43.1
TOTAL FRUIT AND TREE NUTS	35.4	41.1
TREE NUTS	35.3	45.2
DECIDUOUS TREE FRUIT	34.9	40.5
OTHER FRUITS AND NUTS	35.9	38.6
HORTICULTURAL SPECIALTIES	40.6	40.9
GENERAL FARM PRIMARILY CROP	36.9	40.9
TOTAL AGRIC. PROD. LIVESTOCK	44.1	44.2
TOTAL AGRICULTURAL SERVICES	35.2	36.4
CROP SERVICES	36.2	32.0
CROP HARVEST PRIM. MACHINE	43.4	24.8
CROP PREP. SERV. FOR MARKET	33.4	34.0
TOTAL FARM LABOR & MANAGEMENT	34.2	39.9

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	6.47	6.14
TOTAL AGRIC. PROD. CROPS	6.24	6.02
RICE	7.10	7.23
VEGETABLES AND MELONS	8.15	7.18
TOTAL FRUIT AND TREE NUTS	5.74	5.71
TREE NUTS	5.75	5.55
DECIDUOUS TREE FRUIT	5.91	5.85
OTHER FRUITS AND NUTS	5.56	5.67
HORTICULTURAL SPECIALTIES	6.37	6.14
GENERAL FARM PRIMARILY CROP	6.29	5.95
TOTAL AGRIC. PROD. LIVESTOCK	7.85	7.47
TOTAL AGRICULTURAL SERVICES	6.48	5.86
CROP SERVICES	6.50	6.28
CROP HARVEST PRIM. MACHINE	6.35	6.45
CROP PREP. SERV. FOR MARKET	6.57	6.24
TOTAL FARM LABOR & MANAGEMENT	6.45	5.61

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991	MAR 1990
TOTAL AGRICULTURAL	11.4	11.7	11.3
TOTAL AGRIC. PROD. CROPS	8.3	8.5	8.1
TOTAL FRUIT AND TREE NUTS	6.5	6.5	6.5
GRAPES	5.3	5.2	5.3
OTHER FRUITS AND NUTS	1.2	1.3	1.2
TOTAL HORTICULTURAL SPECIALTIES	1.4	1.7	1.3
GENERAL FARM PRIMARILY CROP <u>1/</u>	0.4	0.3	0.3
TOTAL AGRIC. PROD. LIVESTOCK	1.9	1.9	1.9
TOTAL AGRICULTURAL SERVICES	1.2	1.3	1.3

1/ SAMPLE FOR THIS INDUSTRY IS INSUFFICIENT TO ESTIMATE PRODUCTION WORKERS OR EARNINGS AND HOURS.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	9.0	9.4
TOTAL AGRIC. PROD. CROPS	6.5	6.8
TOTAL FRUIT AND TREE NUTS	5.1	5.0
GRAPES	4.0	3.9
OTHER FRUITS AND NUTS	1.1	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.1	1.5
TOTAL AGRIC. PROD. LIVESTOCK	1.5	1.5
TOTAL AGRICULTURAL SERVICES	1.0	1.1

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	256.88	292.45
TOTAL AGRIC. PROD. CROPS	236.19	276.31
TOTAL FRUIT AND TREE NUTS	238.37	287.36
GRAPES	247.97	300.96
OTHER FRUITS AND NUTS	199.29	238.14
TOTAL HORTICULTURAL SPECIALTIES	239.00	248.62
TOTAL AGRIC. PROD. LIVESTOCK	321.12	331.06
TOTAL AGRICULTURAL SERVICES	295.71	334.18

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	38.0	41.6
TOTAL AGRIC. PROD. CROPS	35.2	39.7
TOTAL FRUIT AND TREE NUTS	34.2	39.8
GRAPES	33.6	39.6
OTHER FRUITS AND NUTS	36.3	40.5
TOTAL HORTICULTURAL SPECIALTIES	39.9	40.1
TOTAL AGRIC. PROD. LIVESTOCK	48.0	48.4
TOTAL AGRICULTURAL SERVICES	41.3	43.4

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAR 1991	FEB 1991
TOTAL AGRICULTURAL	6.76	7.03
TOTAL AGRIC. PROD. CROPS	6.71	6.96
TOTAL FRUIT AND TREE NUTS	6.97	7.22
GRAPES	7.38	7.60
OTHER FRUITS AND NUTS	5.49	5.88
TOTAL HORTICULTURAL SPECIALTIES	5.99	6.20
TOTAL AGRIC. PROD. LIVESTOCK	6.69	6.84
TOTAL AGRICULTURAL SERVICES	7.16	7.70